

CLEAN FLUIDS FOR CLEAN ENERGY



MP Filtri

Component Supplier for **Filtration of Hydraulic Power Units** and **Lubrication Systems in Wind Turbines**



Component Supplier for **Filtration** of **Hydraulic Power Units** and **Lubrication Systems** in **Wind Turbines**

Certified according to ISO 9001 - Warehouse, commercial support and logistics globally

FILTRATION OF FLUIDS IN HYDRAULIC CONTROL SYSTEMS



FILTRATION OF FLUIDS FOR GEAR BOX LUBRICATION



MEASUREMENT DEVICES FOR CONTAMINATION MONITORING OF FLUIDS



Filtration of Gearbox Lubricant Oil

Supplier of original equipment for the filtration

of gearbox and bearing lubrication systems made by system suppliers to world leading brands in the Wind Energy business

Replacement Filter Elements

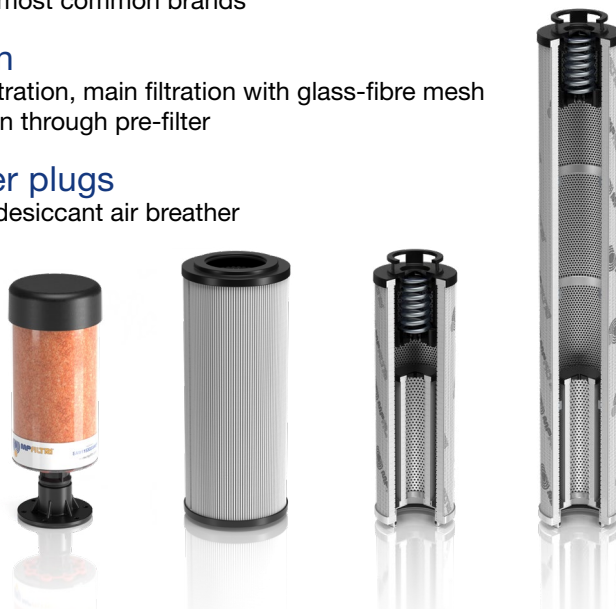
direct fit in filter housing of most common brands

Dual-Stage Filtration

- Wire mesh pre-filtration, main filtration with glass-fibre mesh
- Bypass-protection through pre-filter

Air breather and filler plugs

SAW 115 Moisture control desiccant air breather



Precision in Measurement Technology

Analysis of Fluid Contamination

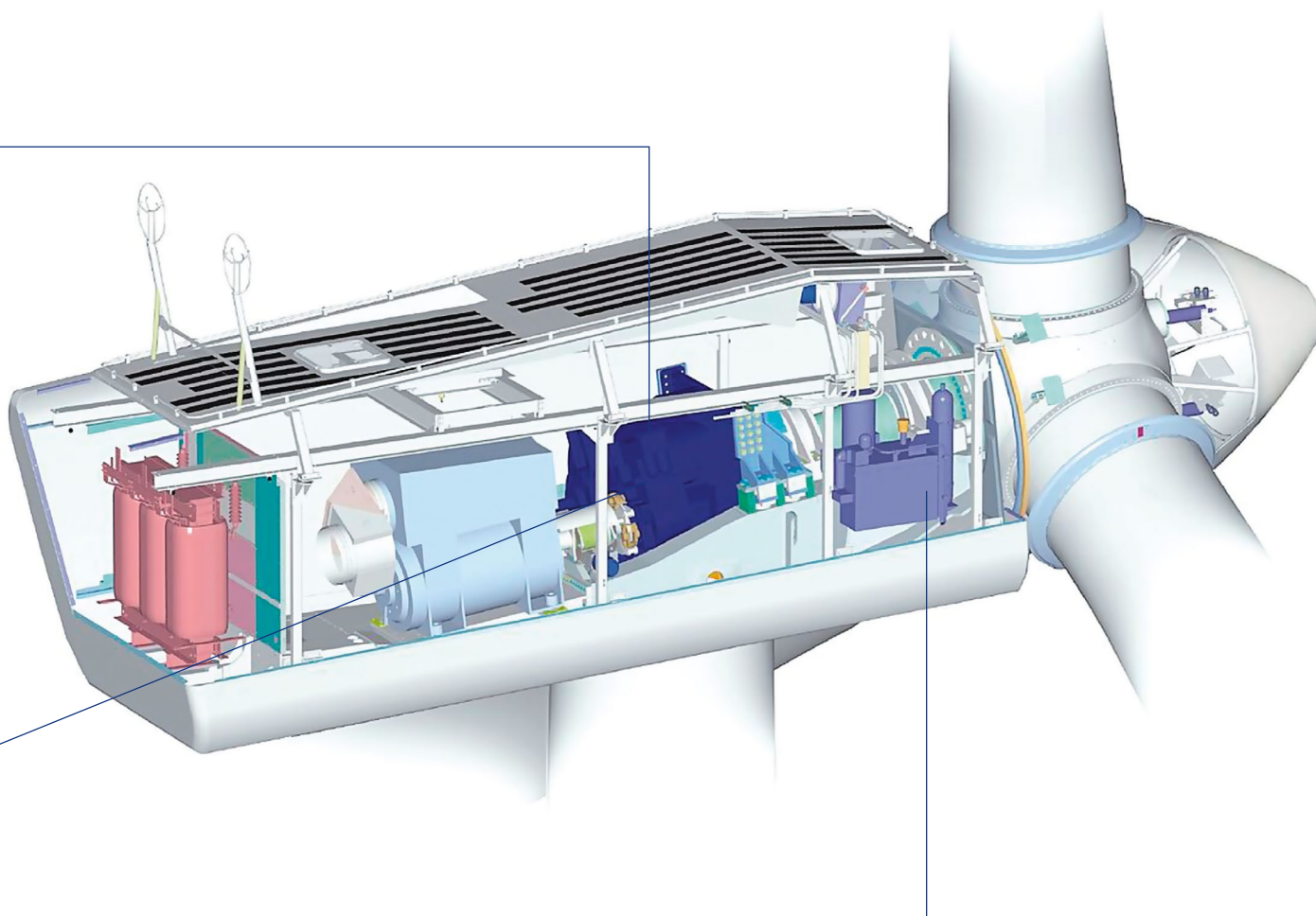
LPA3 Portable High-precision contamination measurement unit for lab and field service use

ICM 2.0 & ICM 4.0 WiFi Inline measurement unit for continuous monitoring of fluid contamination during operation

Characteristics

- Easy to use as a stand-alone device or integrated in control systems
- Immediate indication of contamination according to ISO/NAS-Standard
- Internal data storage for long term trend analysis
- Data exchange and communication option with common data systems
- Suitable for hydraulic, lubrication and other fluids





Filtration in the Hydraulic Control Circuits

Supplier of original equipment

for the filtration in hydraulic power units supplied to world leading brands in the Wind Energy business

Replacement filter elements

for pressure and return line filters in hydraulic control systems and power units

- High dirt retention capacity
- Extended lifetime
- Particle retention rate higher than 99.9 % / $\beta > 1000$
- High service reliability and filtration performance in long-life applications and in critical operational conditions



Alternative Filter Elements for different brands

Filtration Group Spin On-Cartridge PX37-13-2-smx10 (old type: HC 35)	MP FILTRI Spin On-Cartridge CSP40060A10A
Filtration Group DIN-Filter Element PI 23100 RN smx10	MP FILTRI DIN-Filter Element CU900A10ANP01

Special Filter Elements (Dual-Stage-Element)

Filtration Group Filter Element	MP FILTRI Filter Element
H 1300 RN2 010 /Sonder WK	DK320DSA10ANDP01
H 2600 RN2 010 /Sonder WK	DK340DSA10ANDP01
HYDAC Filter Element	MP FILTRI Filter Element
1300 R 010 BN4HC/-B4-KE50	DK320DSA10ANDP01
2600 R 010 BN4HC/-B4-KE50	DK340DSA10ANDP01
PALL Filter Element	MP FILTRI Filter Element
HC8300FKS39H-YC11	PL0103DSA10ANDP01
ARGO Filter Element	MP FILTRI Filter Element
K3.1449-66	DK320DSA10ANDP01
K3.1493-66	DK340DSA10ANDP01
Bosch Rexroth Filter Element	MP FILTRI Filter Element
65.1300.PWR10/G40-000-B4-M	DK320DSA10ANDP01
65.2600.PWR10/G40-000-B4-M	DK340DSA10ANDP01

Filtration Performance Certified

BY LABORATORY TESTING

FILTRATION PERFORMANCE GUARANTEED BASED ON ISO-STANDARDS

ISO 2941	Verification of collapse/burst pressure rating
ISO 2942	Verification of fabrication integrity and determination of the first bubble point
ISO 2943	Verification of material compatibility with fluids
ISO 3723	Hydraulic fluid power — filter elements — method for end load test
ISO 3724	Determination of resistance to flow fatigue using particulate contaminant
ISO 3968	Evaluation of differential pressure versus flow
ISO 16889	Multi-pass method for evaluating filtration performance of a filter element





WORLDWIDE NETWORK



HEADQUARTERS

10 BRANCHES

OVER 100 DISTRIBUTORS

Germany
France
USA
Russian Federation
China

United Kingdom
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Canada
Singapore
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PASSION TO PERFORM